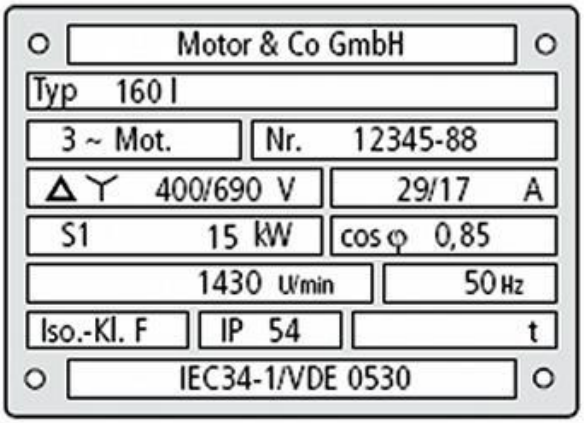
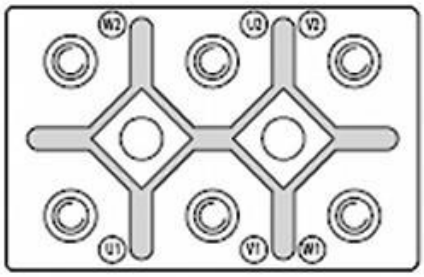
European 6 Lead Motor

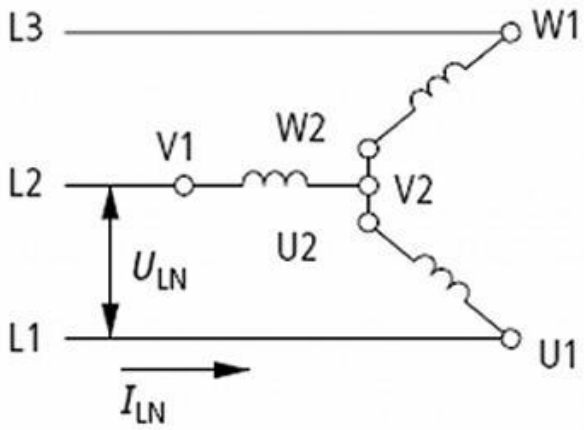
The motor's electrical and mechanical rating are recorded on its nameplate.



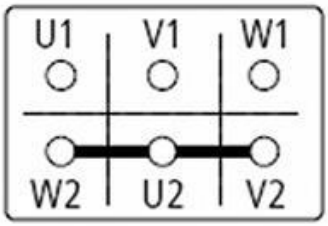
As a rule, three-phase asynchronous motors are connected to their power supply with six terminal bolts. There are basically two connection configurations: star and delta.



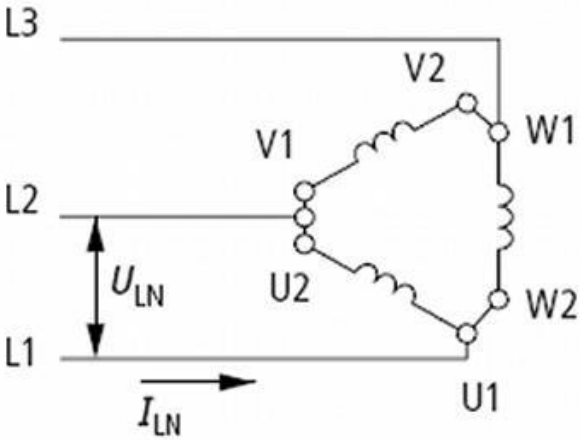
Star connection



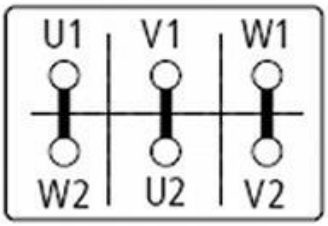
$U_{LN} = \sqrt{3} \times U_W \qquad I_{LN} = I_W$



Delta connection



$U_{LN} = U_W \qquad I_{LN} = \sqrt{3} \times I_W$



Note:
In continuous operation, the mains voltage must be the same as the motor's rated voltage.